

In the Specification:

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Please replace the equation on page 30, line 1 with the following amended equation (\mathbf{Q} and \mathbf{w} changed to bold, italic text):

A1

$$\mathbf{Q}_{k-1} = \mathbf{w}_{k-1} \mathbf{w}_{k-1}^T = \begin{pmatrix} RW_x & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & RW_y & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & W \end{pmatrix}$$

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Please replace the equation on page 30, line 16 with the following amended equation (\mathbf{H}_k changed to bold, italic text):

A2

$$\mathbf{H}_k = \begin{pmatrix} u_x & u_y & u_z & 0 & 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & u_x & u_y & u_z & 0 & 1 \end{pmatrix}$$